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DEPT OF ENVIRONMENT & NATURAL
RESOURCES - RCRO

APPLICATION FOR PERMIT TO DRILL

Type of work:

☐ Drill New Well ☒ Reenter Well ☐ Drill Directional Well

☐ Other _____

Type of well:

☒ Oil Well ☐ Gas Well ☐ Injection

☐ Other _____

Name and Address of Operator:

Continental Resources, Inc P.O. Box 1032, Enid, OK 73702

Telephone

(580) 233-8955

Name and Address of Surface Owner:

Niemi Ranch P.O. Box 227, Buffalo, SD 57720

Name and Address of Drilling Contractor and Rig Number:

J&R Well Service 791 Land 9, Powell, WY 82435

Surface Location of well: Qtr-Qtr, Sec, Twp, Rge, County, feet from nearest lines of section, and latitude and longitude (if available):

SHL 660' FNL & 1980' FEL, NWNE, Sec 15-20N-4E

If Directional, top of pay and bottom hole location from nearest lines of section:

BHL 2500' FNL & 2100' FWL, NWSE, Sec 15-20N-4E

Acres in Spacing (Drilling) Unit

7675.65

Description of Spacing Unit

South Buffalo Red River Unit

| Well Name and Number | | Elevation | Field and Pool, or Wildcat | | Proposed Depth and Formation | |
|----------------------|----------------|-----------------|----------------------------|---|------------------------------|-------|
| SBRRU 31-15H | | 3007' GL | Buffalo | | 10,700' Red River "B" | |
| Size of Hole | Size of Casing | Weight per Foot | Depth | Cementing Program (amount, type, additives) | | Depth |
| 1) 12 1/4" | 8 5/8" | 24 | 1570' | 800 sks | | |
| 2) 7 7/8" | 4 1/2" | 11.6 & 13.5 | 8377' | 2200 sks | | |
| 3) | | | | | | |
| 4) | | | | | | |

Describe Proposed Operations (Clearly State all Pertinent Details, and Give Pertinent Dates, Including Estimated Date of Starting any Proposed Work). Use additional page(s) if appropriate.

SBRRU 31-15H well lateral will be drilled out of existing 4 1/2" casing by cutting a southwest facing window at least 10' below the Gunton porosity location at 8192-8223', landing in the Red River "B" porosity @ 8333-8348'. Out of this window the lateral will be drilled to the southwest as shown on the attached maps. We will be using a closed circulating system with cuttings being hauled to a state approved facility. No pit liner will be used.

I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.

Becky Barnes
Signature

Becky Barnes

Name (Print)

Regulatory Comp

Title

11/20/2006

Date

FOR OFFICE USE ONLY

Approved By:

Jim Steele

Title: Oil and Gas Supervisor

Permit No. 1807

API No. 40 063 20377.01

Date Issued: December 8, 2006

Conditions, if any, on attached page.